Amendments to the Title:

Please replace the title as originally filed with the new title:

-- A FRAMEWORK SYSTEM AND METHOD FOR TESTING SERVER PERFORMANCE UNDER MULTIPLE WORKLOADS--.

Amendments to the Specification:

Please amend the paragraph bridging the bottom of page 1 and top of page 2 as follows:

--US Patent US 5,790,425 disclosed a method for testing server in client/server environment, it can be used for client systems with different protocols and testing the response of the server under multiple workloads. But it does not ~~JP919990264US1~~ have the ability to add third party workloads and testing according to the third party's specification.--

Please amend the paragraph beginning at page 2, line 10 as follows:

--To achieve the above object, this invention ~~disclosed~~ discloses a method to test a server with mixed workloads. In the testing, multiple client machines acting as agents and controlling devices are connected with the server under ~~testing by~~ test via a network. The method includes following steps, a third party develops one or more workload configure utilities corresponding to one or more workload cases, each ~~of the said~~ workload configure utility ~~implements a~~ implementing an interface for workload case configure utility; the third party also develops one or more workload engines corresponding to one or more workload cases, each of the ~~said~~ workload engines ~~implements~~ implementing a workload interface; the controlling device ~~configures~~ configuring workload cases by calling corresponding workload case configure utilities, the controlling device ~~transfers~~ transferring the information collected during the configure process to the corresponding agent machines; then the agent machines control the workload engines through the standard interface to generate workload requests and send them to the server; and the controlling device gathers response data of the server from the agent machines and produces a testing report.--

Please amend the paragraph at page 5, beginning at line 5 as follows:

-- The agent machines 200, 300 ... 400 are acting by the client machines connected by ~~the~~ a LAN. They are used to simulate the users who send workload requests to the target server 500 under testing. The agent adapters 201, 301 ... 401 are distributed on the agent machines. They are used to receive commands from the controller and control the workload engines (stated below) 203, 303, ... ~~304~~ 403 to generate the workload requests to drive the server. The workload engine interfaces 202, 302, 402 define a set of functions that can be called by the agent adapters 201, 301,...401. These functions are to be implemented by the third party who want to use this framework for server testing. These functions include how to set and control the workload engines (stated below) and reporting results. In [[a]] an embodiment of the framework, the interfaces are implemented in Java. They can also be implemented in other programming languages that are platform independent by third party programmers. The workload engines 203, 303, ... ~~304~~ 403 are implemented by the third party, it could generate workload requests based on the workload type defined by the third party and the testing configuration generated by the configure utility. The workload engines 203, 303 ... 403 also implement these functions defined by workload interfaces 202, 302 ... 402. So the workload engines 203, 303 ... ~~304~~ 403 can communicate with the agent adapters 201, 301 ... 401.--

Please amend the paragraph at page 6, beginning at line 12 as follows:

--At step S2, the tester needs to build the configure utility 103 ~~corresponds~~ corresponding to the testing requirements and the workload case involved in the testing. The workload case configure utility 103 should implement the functions defined in the interface of workload case configure utility 102 to communicate with the controller 101.--

Please amend the paragraph at page 6, beginning at line 17 as follows:

--At step S3, the tester needs to build the workload engine 203, 303 ... 403 ~~corresponds~~ corresponding to the workload cases involved in the testing. The workload engines will generate

workload requests based on the information of the workload case configuration. The workload engine 203, 303 ... 403 need to implement the functions defined in workload interface 202, 302 ... 402 to communicate with agent adapters 201, 301 ... 401. In Figure 2, the workload interface are labeled 202, 302, 402 for easy description, they have same set of functions.--

Please amend the paragraph at page 8, beginning at line 5 as follows:

--Usually an e-business site (server) will have many kinds of workload, some of them are caused by casual browsing, some are generated by ~~whose~~ those who do business transactions. In most cases, the former is more likely than the later. That is, the number of casual browsing is more than the number of business transactions. If the site does not have adequate control, the casual browsing can degrade the performance of the business transactions. So a tester of e-business site may want to simulate real situation to see how the server will respond under different situations to know how to control it.--

Please amend the paragraph at page 13, beginning at line 10 as follows:

--After configured the HTTP workload case, the controller 1001 configures the workload case of websurf workload, similar to the process in configuring the HTTP workload case. Then the information of configuration is transferred to the controller 1001 and/or stored in a configuration file for the websurf workload case, to be used by the controller ~~10001~~ 1001. And the workload case is also be added to the workload case list mentioned above.--

Please amend the paragraph at page 13, beginning at line 17 as follows:

--Then the controller ~~10001~~ 1001 will designate agent machines for individual workload case to generate corresponding workload respectively. In this implementation example, the addresses of agent PC1 and PC2 are assigned to workload case HTTP, the addresses of PC2, PC3 and PC4 are assigned to workload case websurf. The addresses will be added to a machine list (not showed), which is used to store the addresses of agent for generating specific kind of workload requests.

The controller 1001 also specify the number of simulated users for each agent, so that one agent can simulate multiple users to issue one kind of workload requests. --